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GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES,  
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DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT,  
RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
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For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR TREATING CORN AND MILLETS

(57) Abstract: There is described a method of treating corn and/or millet(s) and parts thereof with an agent selected from non-protein, non-amino acid, non-vitamin, organic sulfur containing compounds; thiosulfate; and sodium dithionite. Also disclosed is a method for using the agent treated material in the production of starch products and fermentation feedstocks. Also disclosed is a method for using the agent treated material as a fermentation feedstock.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/22953

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A23B 9/26

US CL : 426/ 18, 547, 618

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 426/ 18, 547, 618, 626

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,338,343 A (VIDAL et al.) 06 July 1982 (06.07.1982), column 3, lines 2-25, 34-38.	1-6, 12, 18-21
A	US 4,208,433 A (BARHAM, JR. et al.) 17 June 1980 (17.06.1980), see entire document.	1-21
A	US 5,067,982 A (CARANSA et al.) 26 November 1991 (26.11.2001), see entire document.	1-21
A	US 6,287,620 B1 (VAN DEN OUWELAND et al.) 11 September 2001 (11.09.01). See entire document.	1-21
A	US 6,190,723 B1 (BUCHANAN et al.) 20 February 2001 (20.02.2001), see entire document.	1-21

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

PCT/US03/22953

**Continuation of B. FIELDS SEARCHED Item 3:**

**WEST**

search terms: corn, millet, sorghum, sodium, thio-, dithiothreitol, mercaptoethanol, thioglycolic acid, dimethyl sulfide, bis(2-mercaptoethyl) sulfone, thiourea, thiolactic acid.